

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-306)**

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DATE September 26, 2005

TO: The Record

FROM: U.S. Army Corps of Engineers
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New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:
MILTON HARBOR, NEW YORK

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM
SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
Reach A: Entrance Channel from L.I. Sound to Junction with Branch Channels	Map 30 Pg 1 thru 4 15 & 16 August 2005	100	1.0	6	1.0	1.4	2.3
REPORT OF CHANNEL CONDITIONS < 100 FEET WIDE						80% OF CHANNEL WIDTH (feet)	
Reach B: Northerly Branch Channel	Map 30 Pg 4 thru 4 15 & 16 August 2005	50 – 70	0.13	6		2.5	
Reach C: Southerly Branch Channel	Map 30 Pg 4 thru 4 15 & 16 August 2005	60 – 50	0.12	6		4.5	

REMARKS:

- All depths in MLW
- Channel length is in nautical miles.
- **Reach A:** Shoaling starts at about 500 feet north of RED NUN #6 and continues along the both sides of the channel with narrow passage along the centerline up to 550 feet north of RED NUN #8, thence shoaling continues along the entire width of the channel till 300 feet north of RED NUN #10 where shoaling exists along the both sides of the channel with minimal depth of 1.4 feet along the left side till RED NUN #12, finally shoaling continues along the entire channel width till the junction with Branch Channels.
- **Reach B:** Shoaling exists along the entire channel width with minimal depth of 2.5 feet along the center of the channel
- **Reach C:** Shoaling exists along the majority of the channel with minimal depth of 4.5 feet